



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

November 2, 2010

Mr. Michael Chris Stahl
Macon County Solid Waste Director
109 Sierra Drive
Franklin, North Carolina 28734

Re: Corrective Action Plan Approval
Macon County Lined Landfill, Permit #57-03

Dear Mr. Stahl,

The Solid Waste Section (Section) has reviewed the *Corrective Action Plan* (CAP) submitted on behalf of Macon County by Bunnell-Lammons Engineering, Inc. (BLE) for the Macon County Landfill. Contaminant concentrations exceeding the groundwater quality standards established in 15A NCAC 02L .0202 were reported and as a result, the Section required the implementation of a remedial strategy to comply with Rule 15A NCAC 13B .1637. BLE has proposed to alter the Phase I Cell grading to prohibit or reduce the impoundment and infiltration of groundwater and construct a landfill gas cut-off trench with passive landfill gas vents within the limits of the Phase I cell. BLE proposed that Macon County submit evaluation of effectiveness reports every five years following the completion of the proposed remedies. The contingency plan consists of the closure of Phase I, Cell I in accordance with Rule 15A NCAC 13B .1627 and constructing a landfill gas venting system.

The Solid Waste Section approves the CAP under the condition that the contingency plan can be initiated immediately following the initial five year evaluation period if the remedial strategies have not been able to reduce contaminant concentrations. Macon County should proceed with its implementation as outlined in the corrective action schedule.

Please contact me at (919) 508-8516 or by e-mail at ervin.lane@ncdenr.gov if you have any questions or concerns regarding this letter. Thank you in advance for your anticipated cooperation in this manner.

Sincerely,

Ervin Lane
Hydrogeologist
Environmental Compliance
Solid Waste Section

cc: Jeffery R. Bishop, P.E., McGill Associates, P.A.
Andrew Alexander, P.G., Bunnell Lammons Engineering, Inc.
Mark Poindexter, Field Operations Branch Head
Deb Aja, Western District Supervisor
Allen Gaither, Environmental Engineer
Troy Harrison, Environmental Senior Specialist